

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with David B. Cochran (Reg No. 39,142) on January 16, 2009.

The application has been amended as follows:

1. (Currently Amended) A method of optimizing reconnection of a point to point protocol link layer in a mobile device comprising the steps of:

initializing a stabilization counter;

monitoring whether the mobile device has entered a new zone from an original zone;

after the monitoring step has determined that the mobile device has entered a new zone, incrementing said stabilization counter and determining whether said stabilization counter equals a maximum value, and if the stabilization counter equals the maximum value, then performing reconnection of the point to point protocol link layer to the new zone;

starting a stabilization period;

setting a stabilization timer for said stabilization period;

checking whether the mobile device enters a different zone during the stabilization period;

if the mobile device enters a different zone during the stabilization period, ending the stabilization period, resetting the stabilization timer and performing said incrementing, determining, starting, setting and checking steps; and

if the stabilization period ends and the mobile device has not entered a different zone, determining whether the mobile device is in a new zone or said original zone, and if the mobile device is in said new zone, performing reconnection of the point to point protocol link layer to the new zone, otherwise if the mobile device is in said original zone, performing no reconnection of the point to point protocol link layer to the new zone;

wherein the steps of the method are executed by the mobile device.

19. (Currently Amended) A method of optimizing reconnection of a point to point protocol link layer in a mobile device comprising the steps of:

monitoring whether the mobile device has entered a new zone from an original zone;

after said monitoring step has determined that the mobile device has entered a new zone, initializing a max return counter;

starting a stabilization period;

setting a stabilization timer for said stabilization period;

checking whether the mobile device enters a different zone during the stabilization period;

~~after~~ if said checking step has determined that the mobile device enters a different zone, testing whether the mobile device is in said original zone; ~~and~~,

if said mobile device is tested in said original zone, incrementing the max return counter and determining whether the max return counter has reached a threshold level and if said max return counter has reached a threshold level, canceling the stabilization timer and performing reconnection of the point to point protocol link layer to said original zone[:]; ~~otherwise if the mobile device enters a different zone during the stabilization period said mobile device is tested not in said original zone, resetting the stabilization timer~~ and restarting the stabilization period and performing said checking step; ~~and~~

if the stabilization period ends and the mobile device has not entered a different zone, determining whether the mobile device is in a new zone ~~or said original zone~~; ;
and

if the mobile device is in said new zone, performing reconnection of the point to point protocol link layer to the new zone, and otherwise if the mobile device is in said original zone, performing no reconnection of the point to point protocol link layer to the new zone;

wherein the steps of the method are executed by the mobile device.

28. (Currently Amended) A method of optimizing reconnection of a point to point protocol link layer in a mobile device comprising the steps of:

monitoring whether the mobile device has entered a new zone from an original zone;

after said monitoring step has determined that the mobile device has entered a new zone, initializing and starting a countdown timer;

starting a stabilization period;

setting a stabilization timer for said stabilization period;

checking whether the mobile device enters a different zone during the stabilization period;

~~after~~ if said checking step has determined that the mobile device enters a different zone, testing whether the mobile device is said original zone; ~~and~~

if said mobile device is tested in said original zone, determining whether said countdown timer has expired[[,]] ; and

if said countdown timer has expired canceling the stabilization timer and performing a reconnection of the point to point protocol link layer in to said original zone;

if the mobile device ~~enters a different zone during the stabilization period~~ is tested not in said original zone, resetting the stabilization timer and restarting the stabilization period and performing said checking step; and

if the stabilization period ends and the mobile device has not entered a different zone determining whether the mobile device is in a new zone ~~or said original zone~~; ;
and

if the mobile device is in said new zone, performing reconnection of the point to point protocol link layer to the new zone, and otherwise if the mobile device is in said

original zone, performing no reconnection of the point to point protocol link layer to the new zone;

wherein the steps of the method are executed by the mobile device.

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Blanche Wong whose telephone number is 571-272-3177. The examiner can normally be reached on Monday through Friday, 830am to 530pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edan Orgad can be reached on 571-272-7884. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Blanche Wong/

Examiner, Art Unit 2419

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